

AREAS TO BE DRAINED FROM PRIVATE PROPERTY TO PUBLIC STREETS

SURFACE	TYPE OF	DRAIN AREA	SIZE & NO. OF PIPES OR	SIZE & NO. OF
AREA	SURFACE	REQUIRED	RECTANGULAR STEEL TUBE	CHANNELS
2 ACRES 200'X400'	PAVED GRASS	100 SQ. IN. 25 SQ. IN.	2-3"X6" RECT. TUBES	2-4"X14"
1.5 ACRES 200'X300'	PAVED GRASS	75 SQ. IN. 20 SQ. IN.	1-3" PIPE & 1-3"X6" R.T.	2-3"X12"
1 ACRE 200'X200'	PAVED GRASS	50 SQ. IN. 12 SQ. IN.	1-3"X5" RECT. TUBE	1-4"X14"
0.75 ACRE	PAVED	40 SQ. IN.	3-3"X6" RECT. TUBE or	1-4"X14"
150'X200'	GRASS	10 SQ. IN.	1-3"X5" RECT. TUBE	
0.5 ACRE	PAVED	30 SQ. IN.	2-3"X6" RECT. TUBE or	1-3"X12"
100'X200'	GRASS	6 SQ. IN.	1-3" PIPE	
0.25 ACRE	PAVED	16 SQ. IN.	1-3" PIPE & 1-3"X5" R.T.	
100'X100'	GRASS	3 SQ. IN.	1-3" PIPE	

USE 1 ACRE = 200'X200' OR 100'X400'

AREA 3" DIA. PIPE = 7.1 SQ. IN AREA 3"X5" RECT. TUBE = 12.3 SQ. IN. AREA 3"X6" RECT. TUBE = 14.9 SQ. IN.

AREA 4"X14" CHANNEL = 56 SQ.IN. AREA 3"X12" CHANNEL = 36 SQ. IN.

REF. & REV. AUG. 2002

CITY OF FRESNO

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